

Doroti Pack Implements Modular Valve System to Enhance Flexibility and to Save Assembly Time

RESULTS

- Reduced assembly time with modular and easy construction concept
- Easy and flexible individual configuration, modifications and extensions

APPLICATION

Easy assembly and extension for configuring thermoforming machines.

CUSTOMER

Doroti Pack Ltd., Hungary

Doroti Pack specializes in the production and servicing of packaging machines with a focus on developing and manufacturing packaging equipment for food products.

CHALLENGE

Doroti Pack needed an efficient and flexible valve system that will allow for easy and flexible individual configuration of thermoforming machines.

SOLUTION

The AVENTICS Valve System Series ES05 allowed Doroti Pack to make individual configurations of up to 12 valves in one manifold. They chose ES05 for its simple assembly and flexible electrical connectivity, saving time and increasing overall manufacturing efficiency.

The AES electronics with fieldbus connection ensures optimum communication between actuators and machine peripherals. The machine control sends the changed parameters via AES to the ES05 valves. Immediately after the format switch, the machine accelerates to the maximum speed of 16 cycles per minute.



Doroti Pack used AVENTICS Valve System Series ES05 for thermoforming machines that package food products.



The automation design of the thermoforming machines enabled operators to switch over to different product sizes and types with one touch of a button.